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E & A CONSULTING GROUP, INC.

Engineering Answers

Zachary A. Jilek, CPESC, CISEC
 Environmental Services Dept. Manager

E&A - P2017.463.001

Inspector: Bryce Wright		Stage
Project Name:	Prairie Hollow (aka Hidden Hollow per NDEQ NOI) CSW-201802726	3
For Week Ending:	9/9/2023	68007
Project Location:	156th Street and Highway 36 (Bennington Ne, Douglas County)	

Grading:	100%			
Sanitary Sewer:	100%			
Storm Sewer:	100%			
Paving:	100%			
Seeding:	85%			
Utilities:	100%			
Overall Development:	70%			

RAIN FALL AMOUNTS	Amount in tenths	Date inspected	Weather Conditions	Time	Storm event time
					Week 1
Sunday	0.26"				5:00 AM - 10:00 PM
Monday	0.00"	8/14/2023	Overcast 65	12:10 PM	
Tuesday	0.00"				
Wednesday	0.00"				
Thursday	0.00"				
Friday	0.00"				
Saturday	0.00"				
					Week 2
Sunday	0.00"				
Monday	0.00"				
Tuesday	0.00"				
Wednesday	0.00"				
Thursday	0.03"				
Friday	0.00"				
Saturday	0.00"				
					Week 3
Sunday	0.00"				
Monday	0.00"				
Tuesday	0.00"				
Wednesday	0.00"				
Thursday	0.00"				
Friday	0.00"				
Saturday	0.00"				
					Week 4
Sunday	0.00"				
Monday	0.00"				
Tuesday	0.00"				
Wednesday	0.00"				
Thursday	0.04"				
Friday	0.00"				
Saturday	0.00"				
					Week 5
Sunday	N/A				
Monday	N/A				
Tuesday	N/A				
Wednesday	N/A				
Thursday	N/A				
Friday	N/A				
Saturday	N/A				

Complaints: None

Construction Sequencing:
 Which portion(s) (i.e. drainage basins) of the site have had a temporary or permanent cessation of grading, earthwork, or ground disturbance in the last 14 days?

Entire Site: Grading commenced (11/8/18). Grading temporarily ceased due to winter conditions (3/5/19). Entire site: Grading resumed (4/9/19). Major grading complete, minor grading at a later date (4/23/19). Grading along future location of N. Allen Street (6/17/19). Excavation for storm sewer installation in the southern portion of the site (7/15/19). Minor grading in the southern portion of the site (8/12/19). Excavation for water main installation in the northern portion of the site (11/18/19). Grading complete north of N. Allen Street (12/02/19). Regrading of the slope in the southeast corner of the site, minor grading around the area inlets at the north end of the site (1/13/20). Regrading of the slope in the southeast corner of the site, grading around the area inlets at the north end of the site complete (1/27/20). Minor grading north of SB A, slope in the northwest corner of the site (1/27/20). Excavated silt from SB-A and SB-B spread over southern half of the area between the basins. Grading around lots 5 and 6 (1/28/21). Excavation by lots 1 and 2 (3/1/21).

Which portion(s) (i.e. drainage basins) of the site do not have grading, earthwork, or ground disturbance scheduled in the next 14 days?

Entire Site: Grading commenced (11/8/18). Grading temporarily ceased due to winter conditions (3/5/19). Entire site: Grading resumed (4/9/19). Major grading complete, minor grading at a later date (4/23/19). Grading along future location of N. Allen Street (6/17/19). Excavation for storm sewer installation in the southern portion of the site (7/15/19). Minor grading in the southern portion of the site (8/12/19). Excavation for water main installation in the northern portion of the site (11/18/19). Grading complete north of N. Allen Street (12/02/19). Regrading of the slope in the southeast corner of the site, minor grading around the area inlets at the north end of the site (1/13/20). Regrading of the slope in the southeast corner of the site, grading around the area inlets at the north end of the site complete (1/27/20). Minor grading north of SB A, slope in the northwest corner of the site (1/27/20). Excavated silt from SB-A and SB-B spread over southern half of the area between the basins. Grading around lots 5 and 6 (1/28/21). Excavation by lots 1 and 2 (3/1/21).

What temporary or permanent stabilization measures listed in this section are being implemented?

Existing vegetation (11/8/18). Negus & Son's Construction seeded the flat area and seeded/matted the slope north of N. Allen Street (12/02/19). West side of southern entrance mulched, planted with trees (4/01/20). Area around IF 1 and 2 seeded and matted (8/11/20). Excavated silt spread out over area between SB-A and SB-B and seeded, SB-A and SB-B slopes seeded and matted (10/05/20). South entrance seeded/matted (10/26/20). Seed and mat on bare area south of lot 56 (1/3/22).

Checklist Questions:

Are receiving waters adjacent to the project free of any significant signs of erosion or sediment that would be associated with the construction activity?

Yes

Create Corrective Action?

N/A

Have disturbed areas been seeded or otherwise stabilized as required? List inactive portions of the project and if stabilization measure are adequate or needed to prevent erosion.

Yes

Create Corrective Action?

N/A

Are waste materials (concrete, construction material, hazardous, etc.) being managed properly?

Yes

Create Corrective Action?

N/A

Are construction entrances and adjacent streets being maintained adequately?

No

Create Corrective Action?

No - See BMP Section

Is dust associated with the construction activity adequately controlled on the site?

Yes

Create Corrective Action?

N/A

Comments:

Comments:

Site was active for homebuilding during the most recent inspection.

Findings / Corrective Actions (Date):

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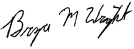
- 1.) Some maintenance is required in the BMP section.
- 2.) An erosion rill was observed across from lot 10 on 8/31/21. Ryan Schwarz was informed to backfill, compact, and restabilize the erosion by 9/7/21. Not done as of the last inspection. Erosion rill is on state road property. State was contacted and no response was received as of 11/24/21.

Unique Name	Type	Location	Projected Install Date	Status	Maintenance
CE 1	Stabilized Construction Entrance	N Molley Street (EE11)		Removed	
Current Condition:	Removed - The former construction entrance was paved prior to the inspection on 11/04/19.				
CE 2	Stabilized Construction Entrance	N 2nd Street (B24)		Removed	
Current Condition:	Removed - The former construction entrance was paved prior to the inspection on 11/04/19.				
CW 1	Concrete Washout	X10	9/8/2020	Pending	No
Current Condition:	Pending- Concrete washout waste was observed on-site on 2/10/20. Ryan Schwarz installed a concrete washout pit near the northwest corner of the site prior to the inspection on 9/08/20. Concrete washout was removed prior to the inspection on 3/15/21. Seeing Double LLC removed all concrete waste prior to the inspection on 4/20/23. No concrete washout is necessary at this time. E&A inspector will continue to monitor.				
D1	Temporary Diversion Ditch	(Z17-1117)		Removed	
Current Condition:	Removed - The diversion is no longer necessary as of the inspection on 4/01/20 due to lot-level construction starting in the area.				
D2	Temporary Diversion Ditch	(F25-P21)	7/14/2020	Active	No
Current Condition:	Good Condition - Negus & Son's Construction installed the diversion prior to the inspection on 7/14/20.				

D3	Temporary Diversion Ditch	(P21-R20)	7/14/2020	Active	No
Current Condition:	Good Condition - Negus & Son's Construction installed the diversion prior to the inspection on 7/14/20.				
D4	Temporary Diversion Ditch	(B26-D26)		Removed	
Current Condition:	Removed - As of the inspection on 7/28/20, the diversion is no longer necessary due to establishment of vegetation on the adjacent slope.				
EM 1	Erosion Control Matting	(C22-DD11)	12/2/2019	Active	No
Current Condition:	Good Condition - Negus & Son's Construction installed the erosion control matting prior to the inspection on 12/02/19.				
FT 1	Fuel Tank	W11		Removed	
Current Condition:	Removed - The fuel tank was removed prior to the 10/12/20 inspection.				
IF 1	Inlet Filter	II14		Removed	
Current Condition:	Removed - Ryan Schwarz removed the silt fence wrap and seeded and matted around the inlet prior to the inspection on 8/11/20.				
IF 2	Inlet Filter	II11		Removed	
Current Condition:	Removed - Ryan Schwarz removed the silt fence wrap and seeded and matted around the inlet prior to the inspection on 8/11/20.				
IF 3	Inlet Filter	HH15		Removed	
Current Condition:	Removed - Ryan Schwarz removed the inlet filter prior to the inspection on 11/8/22.				
IF 4	Inlet Filter	HH13		Removed	
Current Condition:	Removed - Ryan Schwarz removed the inlet filter prior to the inspection on 11/8/22.				
IF 5	Inlet Filter	AA17		Removed	
Current Condition:	Removed - Ryan Schwarz removed the inlet filter prior to the inspection on 11/8/22.				
IF 6	Inlet Filter	Y17		Removed	
Current Condition:	Removed - Ryan Schwarz removed the inlet filter prior to the inspection on 11/8/22.				
IF 7	Inlet Filter	E25		Removed	
Current Condition:	Removed - Ryan Schwarz removed the inlet filter prior to the inspection on 11/8/22.				
IF 8	Inlet Filter	GG15		Removed	
Current Condition:	Removed - Ryan Schwarz removed the inlet filter prior to the inspection on 11/8/22.				
IF 9	Inlet Filter	GG13		Removed	
Current Condition:	Removed - Ryan Schwarz removed the inlet filter prior to the inspection on 11/8/22.				
IF 10	Inlet Filter	DD17		Removed	
Current Condition:	Removed - Ryan Schwarz removed the inlet filter prior to the inspection on 11/8/22.				
IF 11	Inlet Filter	X17		Removed	
Current Condition:	Removed - Ryan Schwarz removed the inlet filter prior to the inspection on 11/8/22.				
IF 12	Inlet Filter	R19	2/10/2020	Active	Yes
Current Condition:	Fair Condition - Negus & Son's Construction installed two big red inlet filters in the curb inlet prior to the inspection on 2/10/20. Negus & Son's Construction removed the inlet filters prior to the inspection on 4/01/20 to alleviate ponding on the street. The inlet filter was installed prior to the 11/10/20 inspection. Ryan Schwarz repaired/repositioned the inlet filter prior to the inspection on 3/15/21. Inlet filter should be cleaned out. Ryan Schwarz was informed to complete by 5/17/21. Not done as of the last inspection. Ryan Schwarz was reminded on 7/6/21, 8/11/21, 9/2/21, 10/15/21, 12/9/21, 4/27/22				
IF 13	Inlet Filter	K22	2/10/2020	Active	No
Current Condition:	Good Condition - Negus & Son's Construction installed two big red inlet filters in the curb inlet prior to the inspection on 2/10/20. Negus & Son's Construction removed the inlet filters prior to the inspection on 4/01/20 to alleviate ponding on the street. Lot-level controls to prevent sediment runoff as well as frequent street cleaning will be recommended in lieu of the inlet filters. The inlet filters will be stored on-site and can be reinstalled if necessary. The E&A inspector will continue to monitor for the need to reinstall the inlet filters. Ryan Schwarz repaired/repositioned the inlet filter prior to the inspection on 3/15/21. E&A inspector will continue to monitor.				
IF 14	Inlet Filter	G23		Removed	
Current Condition:	Removed - Ryan Schwarz removed the inlet filter prior to the inspection on 11/8/22.				
IF 15	Inlet Filter	F24		Removed	
Current Condition:	Removed - Ryan Schwarz removed the inlet filter prior to the inspection on 11/8/22.				
Lot 3	Individual Lot	Lot 3		Removed	
Current Condition:	Removed - LIM Construction sodded the lot prior to the inspection on 6/21/22.				
Lot 4	Individual Lot	Lot 4		Removed	
Current Condition:	Removed - LIM Construction sodded the lot prior to the inspection on 1/3/22.				
Lot 7	Silt fence	Lot 7		Removed	
Current Condition:	Removed - LIM Construction sodded the lot prior to the inspection on 6/21/22.				
Lot 8	Individual Lot	Lot 8		Removed	
Current Condition:	Removed - LIM Construction sodded the lot prior to the inspection on 1/3/22.				
Lot 9	Individual Lot	Lot 9		Removed	
Current Condition:	Removed - LIM Construction sodded the lot prior to the inspection on 1/3/22.				
Lot 14	Individual Lot	Lot 14		Removed	
Current Condition:	Removed - Edward Custom Homes LLC sodded the lot prior to the inspection on 9/13/22.				

Lot 17	Individual Lot	Lot 17		Removed	
Current Condition:	Removed - LIM Construction sodded the lot prior to the inspection on 7/19/22.				
Lot 30	Individual Lot	Lot 33		Removed	
Current Condition:	Removed - Seeing Double LLC sodded the lot prior to the inspection on 8/16/22.				
Lot 31	Individual Lot	Lot 33		Removed	
Current Condition:	Removed - Seeing Double LLC sodded the lot prior to the inspection on 8/16/22.				
Lot 32	Individual Lot	Lot 33		Removed	
Current Condition:	Removed - Seeing Double LLC sodded the lot prior to the inspection on 8/16/22.				
Lot 33	Individual Lot	Lot 33		Removed	
Current Condition:	Removed - Seeing Double LLC sodded the lot prior to the inspection on 8/16/22.				
Lot 34	Individual Lot	Lot 34		Removed	
Current Condition:	Removed - Seeing Double LLC sodded the lot prior to the inspection on 8/16/22.				
Lot 35	Individual Lot	Lot 35		Removed	
Current Condition:	Removed - Seeing Double LLC sodded the lot prior to the inspection on 8/16/22.				
Lot 36	Individual Lot	Lot 36		Removed	
Current Condition:	Removed - Seeing Double LLC sodded the lot prior to the inspection on 5/16/23				
Lot 37	Individual Lot	Lot 37		Removed	
Current Condition:	Removed - Seeing Double LLC sodded the lot prior to the inspection on 5/16/23				
Lot 38	Individual Lot	Lot 38		Removed	
Current Condition:	Removed - Seeing Double LLC sodded the lot prior to the inspection on 5/16/23				
Lot 39	Individual Lot	Lot 39		Removed	
Current Condition:	Removed - Seeing Double LLC sodded the lot prior to the inspection on 5/16/23				
Lot 40	Individual Lot	Lot 40		Removed	
Current Condition:	Removed - Seeing Double LLC sodded the lot prior to the inspection on 5/16/23				
Lot 41	Individual Lot	Lot 41		Removed	
Current Condition:	Removed - Seeing Double LLC sodded the lot prior to the inspection on 5/16/23				
Lot 57	Individual Lot	Lot 57		Removed	
Current Condition:	Removed - LIM Construction sodded the lot prior to the inspection on 4/25/22.				
Lot 59	Individual Lot	Lot 59	5/16/2023	Active	Yes
Current Condition:	<p>Fair Condition - LIM Construction began excavation on the lot prior to the inspection on 5/16/23. SF 1 is already installed at the rear of the lot as of 5/16/23. A dirt pile was observed in the ROW during the inspection on 5/16/23. LIM Construction removed the dirt pile from the ROW prior to the inspection on 6/5/23.</p> <p>1.) Silt fence should be repaired/reinstalled along the back of the lot. 2.) Silt fence or straw wattles should be installed along the front of the lot. 3.) Street should be cleaned daily or as needed.</p> <p>1.) LIM Construction was informed to complete by 6/19/23. Not done as of the last inspection. 2.) LIM Construction was informed to complete by 6/19/23. Not done as of the last inspection. 3.) LIM Construction was informed to complete by 6/19/23. Not done as of the last inspection.</p>				
Lot 60	Individual Lot	Lot 60		Removed	
Current Condition:	Removed - LIM Construction sodded the lot prior to the inspection on 8/14/23.				
Lot 61	Individual Lot	Lot 61		Removed	
Current Condition:	Removed - LIM Construction sodded the lot prior to the inspection on 9/13/22.				
Lot 63	Individual Lot	Lot 63		Removed	
Current Condition:	Removed - LIM Construction sodded the lot prior to the inspection on 4/25/22.				
Lot 65	Individual Lot	Lot 65		Removed	
Current Condition:	Removed - LIM Construction sodded the lot prior to the inspection on 10/11/22.				
Lot 66	Individual Lot	Lot 66		Removed	
Current Condition:	Removed - LIM Construction sodded the lot prior to the inspection on 8/16/22.				
Lot 67	Individual Lot	Lot 67		Removed	
Current Condition:	Removed - LIM Construction sodded the lot prior to the inspection on 8/16/22.				
Lot 68	Individual Lot	Lot 68		Removed	
Current Condition:	Removed - LIM Construction sodded the lot prior to the inspection on 4/25/22.				

Lot 71	Individual Lot	Lot 71		Removed	
Current Condition:	Removed - LIM Construction sodded the lot prior to the inspection on 4/25/22.				
PB 1	Portable Bathroom	HH14		Removed	
Current Condition:	Removed - LIM Construction removed the portable toilet prior to the inspection on 10/11/22.				
SB A	Sediment Basin	D26	11/15/2018	Active	No
Current Condition:	Good Condition - 8% filled - Negus & Son's Construction partially installed the riser in the basin prior to inspection on 9/19/19. The E&A inspector will monitor and determine if all elements of the basin have been correctly installed when work is completed. Negus & Son's Construction backfilled and compacted dirt around the riser and the portion of the outlet pipe within the wall of the basin prior to the inspection on 12/16/19. Negus & Son's Construction partially dug out and reshaped the sediment basin prior to the inspection on 12/16/19. Negus & Son's Construction backfilled and compacted along the outlet pipe prior to the inspection on 1/27/20. Negus & Son's Construction backfilled and compacted the subsided area along the northern outlet pipe prior to the inspection on 7/14/20. Negus & Son's Construction installed the Scour Holes below both riser outfalls prior to the inspection on 7/28/20. Roth Enterprises cleaned out the basin prior to the inspection on 9/22/20. Roth Enterprises seeded and matted the slopes of the basin prior to the inspection on 10/05/20.				
SB B	Sediment Basin	R20	11/15/2018	Active	No
Current Condition:	Good Condition - 15% filled - Negus and Son's Construction installed one of the riser pipes prior to inspection on 9/19/19. The E&A inspector will monitor and determine if all elements of the basin have been correctly installed when work is completed. Negus & Son's Construction installed the second riser in the basin prior to the inspection on 10/02/19. Rip rap still needs to be installed below both outfalls, and open area around the original riser pipe needs to be backfilled and compacted along the length of the pipe. Negus & Son's Construction installed the Scour Hole below the riser outfall prior to the inspection on 7/28/20. Roth Enterprises cleaned out the basin prior to the inspection on 9/22/20. Roth Enterprises seeded and matted the slopes of the basin prior to the inspection on 10/05/20.				
SF 1	Silt fence	(A25-II18)	11/8/2018	Active	No
Current Condition:	Good Condition - Negus & Son's Construction installed the silt fence prior to the inspection on 11/8/18. There is a remaining stretch that needs to be repaired. Negus & Son's Construction trenched-in the new run of silt fence east of SB A, retied and added t-posts to the new run of silt fence between SB A and the undermined area, cleaned out and repaired the old runs of silt fence between SB a and SB B, cleaned out and repaired the newer run of silt fence between SB A and SB B, added t-posts to the new run of silt fence along the southeast corner of SB B, repaired the old run of silt fence east of SB B, reinstalled the silt fence where removed along the northeast side of SB B, and reinstalled the silt fence where removed north of SB B prior to the inspection on 6/11/20. Negus & Son's Construction backfilled the silt fence where undermined near the southeast corner of the site, trenched in the patch over the t-posts between the undermined portion and SB A and between the undermined portion and SB B, and extended the silt fence around the top of the outfall at the north end of the run prior to the inspection on 7/14/20. Ryan Schwarz repaired silt fence in a few locations prior to the inspection on 5/24/21. Ryan Schwarz seeded and matted bare area south of lot 56 prior to the inspection on 1/3/22. Ryan Schwarz removed the silt fence behind all sodded lot and both sediment basins prior to the inspection on 7/19/22.				
SF 2	Silt fence	II18		Removed	
Current Condition:	Removed - Silt fence installation will now be recommended in the section of the report for the lot that is now active in the area (Lot 83).				
SF 3	Silt fence	II17		Removed	
Current Condition:	Removed - Silt fence installation will now be recommended in the section of the report for the lot that is now active in the area (Lot 83).				
SF 4	Silt fence	(DD1-DD14)		Removed	
Current Condition:	Removed - Negus & Son's Construction removed the silt fence prior to the inspection on 7/28/20.				
SF 5	Silt fence	F23 - V16		Removed	
Current Condition:	Removed - Vegetation has become sufficiently established in the ROW north of N. Allen Street to prevent erosion as of the inspection on 7/28/20.				
SF 6	Silt fence	DD11 - HH11		Removed	
Current Condition:	Removed - Due to vegetation growth, silt fence is no longer recommended as of the 11/10/20 inspection.				
SF 7	Silt fence	GG16 - HH16		Removed	
Current Condition:	Removed - LIM Construction removed the silt fence prior to the inspection on 1/3/22.				
SF 8	Silt fence	AA6	9/8/2020	Active	No
Current Condition:	Good Condition - Ryan Schwarz installed two runs of silt fence east of disturbed area in the Highway 36 ROW prior to the inspection on 9/08/20. Ryan Schwarz reinstalled the top row of silt fence prior to the inspection on 7/31/21.				
STR	Streets	Site	11/8/2018	Active	Yes
Current Condition:	Fair Condition - Negus & Son's Construction cleaned up the track out on the adjacent streets prior to inspection on 8/05/19. The condition of the streets could not be fully determined during the inspection on 12/16/19 due to snow and ice cover. The adjacent streets were free of track out during the inspection on 1/13/20. Negus & Son's Construction cleaned the track out off North Molley Street prior to the inspection on 2/10/20. LIM Construction cleaned the street in front of lots 73 and 74 prior to the inspection on 7/28/20. Viking Homes cleaned the street in front of lots 75 and 77 prior to the inspection on 7/28/20. Ryan Schwarz cleaned the street where silt ran off bare / sparse areas prior to the inspection on 8/11/20. LIM Construction cleaned the street in front of Lot 76 prior to the inspection on 9/08/20. Seeing Double Homes cleaned the street in front of Lots 18-21 prior to the inspection on 9/22/02. Viking Homes cleaned the street in front of Lot 12 prior to the inspection on 9/22/02. LIM cleaned the street prior to the 11/9/20 inspection. Some street cleaning is needed. UPDATE: All streets need to be cleaned within development. All builders were informed to complete by 11/11/20. Not done as of the last inspection. All builders were reminded on 01/15/21, 3/2/21, 3/17/21, 3/26/21, 4/10/21, 6/22/21, 7/6/21, 7/14/21, 7/27/21, 8/11/21, 8/26/21, 9/2/21, 9/30/21, 10/27/21, 11/12/21, 12/9/21, 2/2/22, 3/31/22, 4/27/22, 8/18/22, 10/13/22, 3/1/23, 4/21/23, 6/14/23				
SWPPP Sign	Misc./Other	N. Allen St. & N. 2nd St.	12/17/2018	Active	No

Current Condition:	Good Condition- The inspector installed the sign during the inspection on 12/17/18. The SWPPP sign had been removed prior to the inspection on 12/30/19. The E&A inspector reinstalled the SWPPP sign during the inspection on 12/30/19. The E&A inspector moved the SWPPP sign to southern entrance of the development near the N. Allen St. and N. 2nd St. intersection during the inspection on 4/01/20. The E&A inspector reinstalled the SWPPP sign during the 11/10/20 inspection.	
Certification Statement:	"I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fines and imprisonment for knowing violations."	
Inspector Signature:		Reviewed By: 